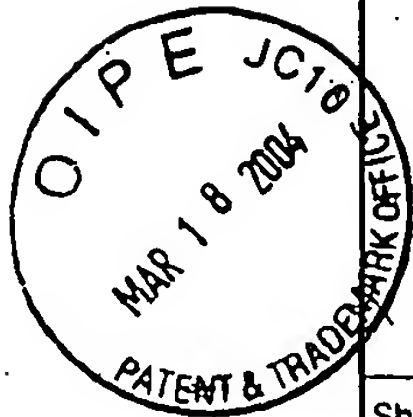


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/627,355	
			Filing Date	July 24, 2003	
			First Named Inventor	Rodolfo R. Llinas	
			Art Unit	N/A 2129	
			Examiner Name	Not Yet Assigned Peter Coughlan	
Sheet	1	of	2	Attorney Docket Number	05986/100K520-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
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PC ↓	1	Elena Leznik, et al.; "Electrotonically Mediated Oscillatory Patterns in Neuronal Ensembles: An In Vitro Voltage-Dependent Dye-Imaging Study in the Inferior Olive"; The Journal of Neuroscience, April 1, 2002, 22(7), pages 2804-2815		
	2	Manuel G. Velarde, et al.; "Modeling inferior olive neuron dynamics"; Neural Networks 15, (2002), 5-10.		
	3	R.R. Llinas; "The Noncontinuous Nature of Movement Execution"; Motor Control: Concepts and Issues, edited by D.R. Humphrey and H.-J. Freund; (Wiley, New York), pages 223-242		
	4	Eric J. Lang, et al.; "Patterns of Spontaneous Purkinje Cell Complex Spike Activity in the Awake Rat"; The Journal of Neuroscience, April 1, 1999, 19(7), pages 2728-2739.		
	5	Vladimir Makarenko, et al.; "Experimentally determined chaotic phase synchronization in a neuronal system"; Proc. Natl. Acad. Sci. USA, vol. 95, pages 15747-15742.		
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	8	E.J. Lang, et al.; "GABAergic Modulation of Complex Spike Activity by the Cerebellar Nucleoolivary Pathway in Rat"; Journal of Neurophysiology, Vol. 76, No. 1, July 1996, pages 255-275.		
	9	John P. Welsh, et al.; "Dynamic organization of motor control within the olivocerebellar system"; Nature, Vol. 374, March 30, 1995, pages 453-457.		
	10	I. Sugihara, et al.; "Uniform Olivocerebellar Conduction Time Underlies Purkinje Cell Complex Spike Synchronicity in the Rat Cerebellum"; Journal of Physiology (1993), 470, pages 243-271.		
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	13	R. Llinas; "The Intrinsic Electrophysiological Properties of Mammalian Neurons: Insights into		

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			First Named Inventor	Rodolfo R. Llinas	
			Art Unit	2129	
			Examiner Name	Not Yet Assigned Peter Coughlan	
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		Central Nervous System Function"; Science, Vol. 242, pages 1654-1664 (1998).	
PC	14	R. Llinas, et al.; "Oscillatory Properties of Guinea-Pig Inferior Olivary Neurones and Their Pharmacological Modulation: An In Vitro Study"; Journal of Physiology (London), 376, pages 163-182.	
	15	R. Llinas, et al.; "Electrophysiology of Mammalian Inferior Olivary Neurones In Vitro. Different Types of Voltage-Dependent Ionic Conductances"; Journal of Physiology (London), 315, pages 549-567.	
	16	R. Llinas, et al.; "Electronic Coupling Between Neurons in Cat Inferior Olive"; Journal of Neurophysiology, Vol. XXXVII, No. 3, 1974, pages 560-571.	
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				Application Number	10/627,355
				Filing Date	July 24, 2003
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				Art Unit	3736 2129
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PC	CA	Y. Han, et al.; "A Neural Cell Model of MSO"; IEEE 1991 Proc. 17th annual Bioengineering conf.; April 1991; pp. 121-122.	
PC	CB	W. Maass, et al.; "On the Complexity of Learning for A Spiking Neuron"; ACM 10th annual conf. Computational Learning Theory; 1997; pp. 54-61.	

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